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Number 2

BULLETIN

SUMMER SESSION, 1919

June 9 to July 18

WEST TENNESSEE STATE NORMAL SCHOOL

MEMPHIS, TENN.



PUBLISHED BY AUTHORITY OF THE
STATE BOARD OF EDUCATION

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BULLETIN

West Tennessee State Normal School

MEMPHIS, TENNESSEE

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VOL. VIII

APRIL, 1919

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ANNOUNCEMENT OF SUMMER SCHOOL

SEVENTH SUMMER SESSION

The seventh Summer Session of the West Tennessee State Normal School will open Monday, June 9, 1919, at 10 a.m., and continue six weeks, closing July 18. The purpose of the Summer School is to give teachers, especially those of West Tennessee, the opportunity for study and improvement during the vacation period. The work will be arranged so that teachers can add to their scholarship and professional equipment by taking regular or review courses. The Summer Session will also give opportunity to ambitious students to earn additional credits on regular courses, thus shortening the time required for certification; and to students who have failed to do satisfactorily the work in any term to overcome their deficiencies and continue their studies.

The Summer Sessions of the Normal School have been highly successful, both in point of attendance—more than 500 having registered last Summer—and the character of work done. The attendants at the Summer term are, for the most part, teachers of experience who take advantage of their vacation to better prepare for the next year. Many teachers of West Tennessee have been present at every Summer term. They are expected to attend again this year and it is certain that they will be joined by many of the new teachers of this section. Indeed, it is evident at this early date, that the number present at the coming Summer session will be limited only by the capacity of the school.

With the experience of the past Summers, with a fuller appreciation of the desires and needs of the teachers of this section, the Normal School will offer the most attractive courses of study and will make arrangements for the comfort and convenience of all who attend.

ADVANTAGES OF THE SUMMER SCHOOL

The complete facilities of the Normal School are offered to all who attend, without tuition charge, except that a fee of \$10.00 for the Summer Session is charged to persons not residents of Tennessee. Among the facilities are:

1. **Faculty.** A superior faculty of trained men and women, specialists in educational work and deeply interested in the teachers and schools of the State.

2. **Departments.** Well organized departments of Education, Agriculture, Biology, Chemistry, Commercial, Drawing and Penmanship, English, History, Home Economics, Latin, Manual Training, Mathematics, Modern Languages, Music, Physics and Geography, **Physical Training.**

3. **Courses.** Instruction in college, high school and professional courses and reviews in elementary school subjects.

4. **Laboratories.** Modern and well-equipped laboratories in Chemistry, Physics, Biology, Agriculture and Home Economics.

5. **Industrial Work.** Thorough courses in cooking, sewing, manual training, agriculture and commercial subjects; also in drawing, school music, school and home sanitation.

6. **Library.** An excellent library of 7,000 volumes selected to meet the peculiar needs of teachers; also a spacious reading room supplied with the best magazines and periodicals.

ATTENDANCE INVITED

This bulletin is being sent to all teachers in West Tennessee whose names and addresses the Normal School has been able to secure. They are asked to carefully examine the course of study, to consider the advantages which the school has to offer—contrasting them with courses and opportunities offered elsewhere—and if they discover that here in their own section their educational needs can be met, to register with us and endeavor to induce others to do likewise to the end that the advantages of the West Tennessee Normal School may be enjoyed by the largest possible number of teachers of West Tennessee.

TEACHERS NEEDED

In many counties in West Tennessee there are not enough qualified teachers for the positions to be filled.

The army has taken many of our men and the higher wages paid in other industries have led many men and women to withdraw from the

work of teaching. Because of the higher standards prescribed for teachers' certificates in the State examinations and the closer grading of papers there are probably fewer licensed teachers in the State than there are positions to be filled.

Many persons who have been teaching on temporary certificates have now completely exhausted the temporary certificate privilege. It is highly important, therefore, that prospective teachers shall qualify themselves for work and that those now engaged in teaching shall fit themselves for higher and more responsible positions.

The State Normal School offers opportunity for preferment in the teaching profession. It invites those who expect to become teachers to attend its sessions and to take its courses and it urges teachers now holding certificates to better qualify themselves for higher positions.

Teachers of ability no longer have to seek positions in Tennessee, but are sought by Superintendents and Boards of Education.

BOARDS OF EDUCATION

Boards of Education are invited to confer with the Normal School in the matter of securing capable teachers, and should encourage efficient teachers to remain in the work by paying salaries in keeping with the increases in other fields of work and with the increased cost of living.

TEACHERS' BUREAU

During the Summer Term and throughout the year a special committee of the Faculty conducts a bureau for teachers, free of charge. Superintendents and Boards of Education who desire capable teachers, whether for high schools or for the grades, and efficient teachers desiring positions will be given every assistance by this committee.

GENERAL INFORMATION

ROOMS

The Normal School can take care of 240 young women in Mynders Hall, the Women's Dormitory, and 100 in the Main Building. The rooms in the Main Building have been much improved by the addition of running water, baths, etc., and are now as desirable and comfortable as the rooms in Mynders Hall. Young women who occupy rooms in the Main Building are under the general supervision and care of the regular matron of the school, who will be aided by an Assistant Matron who will reside in this building.

Young men can find rooms in Prescott Flats or in private homes.

Furnished rooms in the school dormitories cost only \$4.00 for the term of six weeks for each occupant.

There are a few single rooms in the Dormitory which are rented for \$1.50 a week, or \$9.00 for the term.

Rooms are rented by the term and no reduction will be made for absence any part of the term.

RESERVATIONS

Rooms will be reserved in the order of their application. Those who write first will be given places in the school dormitory and those writing later will be assigned to rooms in the main building or to private families. A deposit fee of \$3.00 is required of all who make reservations for the Summer Session, which fee will be credited on the total expenses of the term. No reservation will be made without this deposit. The reservation fee will be refunded if notice of inability to come is given the school authorities before June 2, 1919.

Notice is hereby given that refund of the reservation fee will not be made unless request for same is made before June 2, 1919. Rooms reserved will be held until Wednesday, June 11, and will then be let to other parties unless notification comes from original applicants that they are coming at a later date.

It is very important that those who expect to attend the Summer Term should write the President and reserve rooms as soon as it is definitely determined to attend. Arrangements will be made for all who come, but choice of rooms will be accorded to those who make the first application. The rooms in the dormitory are more convenient and economical than private rooms, and parties desiring same should make early reservation.

Rooms in dormitory will be ready for occupancy by students of Summer Session on Saturday, June 7. The first meal served will be supper on that date.

BOARD.

Good board is furnished at the school dining hall for \$12.00 a month, or \$18.00 for the term. Noonday lunch will be served in the cafeteria at a nominal cost.

REGISTRATION

All students pay a registration fee of \$3.00. Saturday, June 7 and Monday, June 9 are registration days. It is desirable that local students register on Saturday.

Students having rooms in the dormitory may take possession of them on Saturday, June 7; and those arriving by Saturday should register that date.

EXPENSES OF THE SUMMER TERM

The total expenses of the Summer Session of six weeks for Tennessee students for board, room and registration, who secure rooms in the school dormitories will amount to \$25.00, as follows:

Board	\$18.00
Room rent	4.00
Registration	3.00
Total	\$25.00

Classes in Biology, Chemistry, Home Economics, Physics, Manual Training and Typewriting, pay small fees for use of laboratories and instruments.

Day students pay only the registration fee of \$3.00 for the term.

Students not residents of Tennessee will be charged \$10.00 tuition.

Rooms are rented by the term and no reduction will be made in room rent for absence during the term. No reduction in board will be made for absence less than two weeks; and no reduction will be made for absence the first two or the last two weeks of the term.

All fees must be paid on entrance.

Homes in private families, including lodging and two meals a day, can be secured for \$20 to \$30, and lunch can be secured at the cafeteria for 15 to 25 cents.

WHAT STUDENTS FURNISH

All heavy furniture needed in the rooms of the dormitory is furnished by the school. Single beds are used almost exclusively. Students furnish their own pillows, bed linen, bed covers, towels, etc.

POSTOFFICE

A branch of the Memphis postoffice has been established in Prescott Flats, just across from the campus. It affords the students and school authorities every postoffice convenience. Mail should be addressed to Normal Branch, Memphis, Tennessee.

RAILROAD AND EXPRESS OFFICE

The Southern Railway has a depot, called Normal, located on the school ground. Pupils should, if possible, when leaving home, buy tickets and check baggage to Normal. If this cannot be done, then upon arrival at New Union Station, Memphis, buy ticket and check baggage to Normal. Pupils who come on the Illinois Central will transfer to New Union Station and then buy ticket and check baggage as above. Efforts should be made to arrive in Memphis in daytime. A member of the faculty will meet new students at the station if the exact time of the arrival of the train is given. The Normal School street car, leaving Main and Madison avenue every thirty minutes, will take pupils to the Normal building. Baggage should be checked plainly, care of West Tennessee State Normal School, Normal, via Memphis, Tennessee.

LECTURES AND ENTERTAINMENTS

A number of lectures and entertainments have been provided for the Summer Session. At the Assembly hour each day there will be an address by some prominent educator.

A series of lectures by members of the faculty will be given during the Summer term from 6:30 to 7:30 in the evening. Many of these

lectures will be illustrated, and they will be given on Mondays, Wednesdays and Fridays. Tuesday and Thursday of every week twilight meeting for story-telling will be held on the campus. At these meetings story-telling and folk dances will be given.

STORY-TELLING

Twilight meetings for story-telling, under the direction of Miss Pritchett and Mrs. Caldwell, will be held on the campus on Tuesday and Thursday evenings. A series of stories and folk dancing will be given. All students are invited.

PRIMARY WORK

It is well understood that the work in the primary grades in our public schools is the most important part of the school work. It is important because it is fundamental, and also because of the large number of pupils in those grades. It is the aim of the Normal School to strengthen the teaching in all grades of school work, but it places special emphasis on the teaching of the early grades. During every term general professional courses bearing upon the teaching of primary work and also particular methods and content courses are given for this preparation.

For the multitude of primary teachers who come to the Summer School additional opportunities are offered, and many courses which will appeal to them will be found scheduled in the following pages. The teachers who will have charge of this work have had successful experience in the class room, combined with the best professional training.

Regular work in the first grades will be conducted in the Normal School building during the Summer, which will afford teachers opportunity of seeing educational theory reduced to practice. Among the various courses offered in the Summer School which should appeal to primary teachers are the following: Primary methods in reading and language; primary methods in arithmetic, geography and nature study; child study, story-telling and dramatization, games, folk dances and school room gymnastics for grade 1-4, juvenile literature, construction work for primary grades, school music, and content courses in every department. From this wealth of courses the most exacting primary teacher will be able to find work adapted to her needs.

TERMS OF ADMISSION

Statutory Provisions—Under the provisions of the law establishing the State Normal School, all white males or females resident in the State of Tennessee not under sixteen years of age are eligible for admission, provided they shall pledge themselves to teach in the schools of the State, within six years after leaving the school, for as long a time as they shall have attended the school.

Health—No applicant will be admitted who can not furnish evidence of being physically sound, free from contagious or infectious disease,

and from chronic defects that would prevent satisfactory work as a student or militate against success as a teacher.

Character—Every applicant for admission must present a certificate of good moral character signed by a responsible person. The State is under obligation for the professional training of no person that is not qualified to exert a wholesome spiritual influence upon the lives of children.

Scholastic Requirements—For admission to the Academic Course the applicant must have completed the elementary school course; after September, 1918, one year's high school work; and after September, 1919, two year's high school work. This law however does not affect the Summer Term and a large number of elementary and high school subjects will be offered to teachers as reviews. For admission to the Normal Course, graduation from an accredited high school of the first class, or equivalent scholarship, is required. Work done in an approved high school or college will be accredited for advanced standing, but the certificate or diploma of the State Normal School will not be awarded for less than thirty-six weeks' resident work.

NORMAL SCHOOL CERTIFICATES AND DIPLOMAS

The State Normal School offers two regular courses, as follows:

1. The Academic Course of four years of thirty-six weeks each. This course is to prepare teachers for the elementary schools, and for admission to it the applicant must have finished at least the elementary course prescribed for the public schools of the State.

At the completion of the course the student is given a certificate, which is accepted as a license to teach in the elementary public schools of any county in Tennessee without examination, or which will admit to the Normal Course in any of the State Normal Schools.

2. The Normal Course of two years of thirty-six weeks each. This course is to prepare teachers for the public schools of the State, and for admission to it the applicant must have finished the course prescribed for the certified county high schools of the first class, or for city high schools requiring four years for graduation, and approved by the State High School Inspector; the Academic Course of any of the State Normal Schools, or some course requiring equivalent scholarship, to be determined by examination.

The completion of the Normal Course entitles the student to a diploma, which is a life certificate of qualification to teach in any of the public schools of the State except High Schools of the first class, under the regulations mentioned below.

CERTIFICATES AND RENEWALS

The following regulations relative to State examinations and certificates have been approved by State Superintendent Albert S. Williams:

1. A State examination for teachers' certificates will be conducted at the State Normal School on July 18-19.

2. Under the provisions of an act of the General Assembly of 1917, a five-year teachers' certificate may be converted into a permanent certificate at the expiration of the five years for which the certificate was issued, provided the holder has not discontinued school work for as many as three successive years. Holders of five-year or permanent certificates are not required to take the reading circle work, but are urged to do so. A permanent certificate may be revoked should the holder discontinue teaching for three years.

3. The holder of a two-year teachers' certificate may have the same renewed for two years provided he has attended at least one term at the State Normal School or some other school accredited by the State Board of Education during the life of his certificate and done satisfactory work in at least three courses.

STATE EXAMINATIONS

Elementary Course. Those who are applicants for elementary certificates will be required to stand examinations on the following subjects: Spelling, Arithmetic, Music, Writing and Drawing, Grammar, Reading, Physiology, Geography, U. S. History, Tennessee History and one professional course.

High School Course. Teachers desiring High School certificates may take the work in groups as follows:

English Group—Spelling, Grammar, Rhetoric, English Literature, American Literature and a professional course.

Mathematics Group—Spelling, Grammar, Arithmetic, Algebra, Plane and Solid Geometry and a professional course.

History Group—Spelling, Grammar, English History, American History, Civics, Ancient, Mediaeval and Modern History, and a professional course.

Latin Group—Spelling, Grammar, Caesar, Cicero, Virgil, and a professional course.

Science Group—Spelling, Grammar, Physics, Physical Geography, Chemistry, Agriculture, Biology, Physiology, and a professional course.

Home Economics Group—Spelling, Grammar, Cooking, Household Sanitation, Sewing and a professional course.

Composite Group—For Principals and Teachers in Third Class High Schools— Spelling, Grammar, Rhetoric, Arithmetic, Algebra, Ancient, Mediaeval and Modern History, Biology, and a professional course.

Certificates shall be designated and granted as elementary certificates of the first or second grade, or high-school certificates of the first or second grade. A first-grade certificate shall be valid for a period of five years from date of issue, and the second-grade certificate for a period of two years.

To obtain a first-grade certificate the applicant must be at least nineteen years of age, must have had at last eight months' teaching experience, and must make an average grade of 85 per cent. on the subjects prescribed on examination, not falling below 70 on any subject. An applicant who makes a first-grade average as required above, but who does not possess the required teaching experience, will be granted a second-grade certificate, which may be changed to a first-grade certificate after eight months of successful teaching as certified to by the county superintendent of schools or the county high-school board of education.

Professional Certificates—The law provides that professional certificates shall be issued by the State Superintendent of Public Instruction, as follows:

1. An elementary certificate of the first grade, to the applicant who has completed the Academic Course of the State Normal School.
2. A certificate good in all schools except four-year high schools of the first class to the applicant who has completed the Normal Course of the State Normal School.

TEACHERS MUST HOLD CERTIFICATES

The law says that no person shall be employed to teach in any public school of the State or receive pay for teaching out of the public school funds until he has received a certificate from the State Superintendent of Public Instruction. No such payment shall be allowed if made and any officer who shall make or sanction the same shall be subjected to a penalty of not less than Five (\$5.00) Dollars nor more than Fifty (\$50.00) Dollars. No person, therefore, must begin to teach expecting to receive a certificate later, as no one can legally be paid for such work.

INSTITUTE ATTENDANCE

By law it is the duty of all teachers in any county of the State to attend the full term of any county institute held for teachers of his race in that county under the provisions made by the State and County Superintendents of Public Instruction; but, in lieu of attendance upon the institute in his county, a teacher may attend a similar institute in any other county in the State in the same year, or take regular work in a Summer session of one of the State Normal Schools or any regularly organized Summer school of good standing. The County Superintendent must furnish to the State Superintendent a list of the teachers of his county who failed to comply with this law.

SPECIAL NOTICE TO HIGH SCHOOL GRADUATES

Every year a number of graduates of three-year high schools enroll at the Normal School with the expectation of taking the Academic Certificate in one year and a Summer session. It is possible for students who have three years of genuine high school work, making not less

than twelve units, to complete the prescribed and elective courses for said certificate, in one Summer term and one full year. But owing to the sequential nature of our professional courses, such graduates will have to start with the Summer term. By starting this Summer they can work off certain courses in education and thus be prepared during the regular school session to do the observation and practice teaching.

Notice is hereby given to such persons that they will hereafter not be able to meet all requirements for the Academic Certificate in one regular and one Summer session unless the Summer session precedes the regular session.

DETAILED STATEMENT of COURSE OF STUDY FOR THE SUMMER SCHOOL

In arranging the Course of Study for the Summer Session of the West Tennessee State Normal School the Faculty has kept in mind particularly that class of students who desire to do a serious grade of school work for six weeks, work for which they will receive full credit, not only on certificates, but for graduation from the full course at the school. It will be observed that a majority of the courses to be given are the regular courses offered by the school during the other school terms; but review courses in all the common school subjects are also offered. It is not expected that students of the Normal School will devote themselves exclusively to review work; and no students, therefore, will be allowed to take more than three such courses during the Summer term.

CREDITS

The maximum number of credits which a student may secure during the Summer Session is 12, which represents 20 recitation hours. To state this differently, students will not be allowed credit for more than 20 recitation hours. If these hours are all in regular courses the maximum credits will be 12; but if some are review subjects, the number of credits will be smaller.

Students must take at least three courses requiring a minimum of 14 recitation hours unless excused by the President. Only two credits will be allowed for a review course. As stated above, the maximum number of credits which a student may secure during the Summer Session is 12, and no student will be allowed to register for more, except by consent of the President.

Students are not permitted to visit classes in which they are not regularly enrolled, except upon presentation of card issued by the President or Dean, and no card will be issued for visiting the same class more than once. Certificates of attendance will not be issued nor will credit be given to those not completing the entire term's work and taking the final examinations.

It is the purpose of this institution to make the Summer Session

a real school and to discourage rapid reviews, "craming," and any other superficial, learn-quick processes.

Regular term courses which call for five recitation hours a week in the Summer will receive 3 credits; and those calling for four will receive 2 credits; certain laboratory courses which meet six days in the week will receive additional credits according to time.

DEPARTMENT OF EDUCATION

**Pres. Kincannon, Dr. Finley, Miss Pritchett, Miss Cooper,
Mr. Wilson, Mrs. Caldwell.**

Since Education is regarded to-day as the Nation's biggest asset, and illiteracy is everywhere outlawed, the schools of our state, which have the special responsibility of training for the teaching profession, are placing a double emphasis upon pedagogical efficiency and psychological training; the summer curriculum of the West Tennessee State Normal reflects this general educational conviction. With every department girded with unusual strength in the courses being offered, the department of Education intends to be not a whit behind any summer school in the courses in Methods and Teacher Training, History and Philosophy of Education, Psychology, Child Study, Administration and Intellectual Testing.

Education 30—Elementary Psychology.

Dr. Finley

Text: Colvin and Bagley's *Human Behavior*. This course intends to be a good introduction to the general subject of Psychology. Most of the important facts and principles of psychic life will be presented from the educational point of view.

Five times per week—three credits.

Room 304.

Education 31—Principles of Teaching.

Miss Cooper

Text: Strayers and Norsworthy. This course will afford a study of the various principles that control all successful teaching. The formal steps in teaching explained and illustrated by model lessons. The teachers' preparation of the lesson. Drill is given in making lesson outlines and plans. Prescribed Third Year Academic Rank.

Five periods a week—three credits.

Room

Education 32—School Management and Law.

Mr. Wilson

Text. Bennett's *School Efficiency*.

Third Year Academic rank.

Five periods a week—three credits.

Room 304.

Education 40—Primary Methods. Section 1.

Miss Pritchett

Fundamentals in Primary Education will be stressed. The child, his history, possibilities and development. The course of study—Reading; problems of beginning reading; the reading problems of

the first six grades; Phonics; relation to reading—methods in teaching reading, spelling and penmanship.

Fourth year Academic rank.

Five periods a week—three credits.

Room 206.

Education 40—Primary Methods. Section 2. **Miss Pritchett**

Language: Purpose and aim. Problems of oral and written language, Story-telling and Nature Study.

Number work: Developing number; sense and number experiences; efficiency in fundamentals.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 206.

Education 42—Observation. **Miss Pritchett**

Several Primary grades will be organized in the Normal School during the Summer term and lessons in primary subjects will be taught by Summer School instructors. This course will be open for observation for those regularly registered in the courses in primary methods.

Fourth Year Academic rank.

Five hours a week.

Room 204.

Education 47—Story-telling and Dramatization. **Miss Pritchett**

This course is a study of the educational story and its application to all primary work. Also gives an opportunity to study the art of story-telling and dramatization. Stories will be told and dramatized in class.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 206.

Education Special— **Miss Pritchett**

Correlation of handwork in the Primary grades. Prerequisites—Education 40 and Drawing 30. The course is designed to develop motor expression in children. Handwork will be correlated with all studies in the Primary grades.

Five periods a week—three credits.

Room 206.

Education 48—Rural Education **Miss Cooper**

Text to be selected. In this course special attention will be given to Rural teachers' problems both economic and social. Educative and constructive seat work and sense training. Classification and grouping of children according to mentality and conditions, correlation of studies. The use and value of the environment of the rural school.

Fourth Year Academic rank.

Five periods a week—three credits.

Room.

Education 51—General Psychology.

Dr. Finley

Text: B. B. Breese *Psychology*. This study is a continuance of the general study of Psychology having been begun in the Spring term. The Laws of Memory, Imagination and Association will be traced with care. Principles of reasoning and emotions are studied very closely. Some of the pronounced abnormal cases of psychic life will be studied at the Insane Hospital.

Five time a week—three credits.

Room 304.

Education 52—Child Study.

Miss Cooper

Text to be selected. This course is a study of the instincts and other factors as they make their appearance in the child's development. Heredity and environment will be discussed. Studies in types of children. Normal, subnormal and precocious types and suggestions, based on actual experiences, offered as to dealing with the various types found in the average school room. Mental tests explained and applied.

Prescribed Junior Normal Rank.

Five periods a week—three credits.

Education 54—Plays and Games.

Mrs. Caldwell

This course is especially adapted to teachers in the elementary schools. It includes simple and co-operative games, relay races, marching, folk and gymnastic dances for the school room and the play-ground. Work in theory and practice will be given.

Two hours' recitation and four hours' play a week.

Room 201.

Education 60—School Laws and School Administration

Dr. Finley

Text: E. P. Cubberley's *School Administration*. A library and lecture course. This course is intended for those who are preparing for positions as principals, superintendents or supervisors. The course is intended for the more advanced students. Some practical demonstrations of school administrative functions will be made in the class work.

Five periods a week—three credits.

Room 304.

Education 67—Philosophy of Education.

Dr. Finley

A library and lecture course intended for seniors and experienced school workers. Such texts as Dewey's *Democracy and Education*, and Moore's *What is Education*, will be the basis for the general lectures.

Five times a week—three credits.

DEPARTMENT OF AGRICULTURE

Professor Tuton

The present demand for Vocational teachers is greater than it has ever been before. The Smith-Hughes fund is increasing the salaries

of the teachers of agriculture. The Normal School Department of Agriculture prepares both men and women for these positions. On the school grounds demonstration gardens and plats are special features of this work. The poultry yard, where hatching by artificial incubation and raising brooder chicks are practiced, is located on the campus. The farm, where high-grade registered Holstein cattle and Duroc Jersey hogs are bred and raised, joins the school campus. This gives the student an opportunity to see and have actual experience in real farm problems. New courses are being offered in this department each term, and a splendid opportunity is offered to persons desiring to specialize in the subject, teach it, or gain a knowledge for practical farm purposes.

Agriculture 20—General Agriculture

Text: Warren's Elements of Agriculture. This course is open to beginning students and to students desiring a review of agriculture. It covers the field of general agriculture, soils, crops, crop rotation, cover-crops, intercropping, insects and pests, methods of farming, live-stock, vaccinating hogs, and general farm problems.

Four recitations per week—two credits.

Room 103. Time:

Agriculture 40—Field Crops.

Text: Livingston's Field Crops. Characteristics of different field crops, their adaptation, cultivation and value. Storing, marketing, selecting and etc. Growing of alfalfa, silage, pastures, hays, and some of the common diseases and treatment of field crops. Relative importance of each crop.

Four recitations per week—two credits.

Room 103. Time:

Agriculture 53—Boys' and Girls' Clubs.

Text: Extension Literature. The beginning of club work in the South. Method of organization. How to organize, canning clubs, poultry clubs, pig clubs, sewing clubs, and allied country life clubs, and their affiliation with the United States Department of Agriculture, Club prizes, fairs, gaining the interest of the parent and community life in general. Open to rural workers.

Four recitations per week—two credits.

Room 103.

Agriculture 54—How to Make Concrete on the Farm.

Text: Portland Cement Bulletin. Open to all students desiring a knowledge of concrete. The students will make concrete in this course and learn the proper proportions of mixing and relative strengths of different concrete. Farm concrete, fence posts, water troughs, gutters, walks and foundations will be studied.

Two recitations per week—one credit.

Room 103.

Agriculture 55—Poultry Husbandry.

Text: Lewis Productive Poultry Husbandry. Poultry raising in all its branches. The origin and development of our present types and breeds, natural and artificial incubation, artificial brooding, poultry house construction, yarding, fencing and etc., feeding, egg farming, broiler raising, roaster and capon farming, sanitation, diseases, parasites and chicken troubles. The discussion of the raising of ducks, turkeys and geese. Marketing poultry and poultry products, killing, dry picking, grading and packing and marketing fresh eggs.

Four recitations per week—two credits.

Room 103.

Agriculture 65—Teaching of Agriculture.

Text: References and Observation.

Place of agriculture in the curriculum, arranging the schedule, correlation between agriculture and other school subjects, observation lessons, field trips, club work, extension work, the county agent, community improvement, better rural literature, and better social advantages. Open to mature students.

Four recitations per week—two credits.

CONFERENCES ON COUNTRY LIFE PROBLEMS

Beginning Monday, June 23rd, and lasting until Friday, July 4, a series of afternoon conferences will be given on some of the most urgent rural and country life problems. This will be an important feature of the Summer term as some of the best rural life men in Memphis and the south will lecture and take part in these conferences. Open to everybody.

Monday, June 23rd. Hon. C. C. Hanson, Memphis, Tenn. "The Need of Country Life Development."

Tuesday, June 24th. President Bruce R. Payne, Nashville, Tenn. "What Education Owes to Rural Development."

Wednesday, June 25th. Hon. C. J. Haase, Memphis Chamber of Commerce, Memphis, Tenn. "Why Business Men Want Country Life Developed."

Thursday, June 26th. "Why Rural Life Needs the Church."

Friday, June 27th. Hon George R. James, Wm. R. Moore Dry Goods Co., Memphis, Tenn. "Some Things We Can Do for the Rural Life."

Monday, June 30th. Mr. Bolton Smith, Attorney, Memphis, Tenn. "Community Service in the Rural Section."

Tuesday, July 1st. Dean H. A. Morgan, University of Tennessee, Knoxville, Tenn. "How Agriculture Develops the Rural Life."

Wednesday, July 2nd. Dr. Lloyd, Bureau of Farm Development, Memphis Chamber of Commerce, Memphis, Tenn. "Some Country Life Problems in Mississippi."

Thursday, July 3rd. Hon. C. P. J. Mooney, Editor, Commercial Appeal, Memphis, Tenn. "The Public Press and Rural Life."

Friday, July 4th. All Day Rally on Country Life. Barbecue and an interesting program full of life and vital things pertaining to the rural life development. Speakers for this occasion will be announced later. Doctors, preachers, lawyers, and men who know conditions will be on the program for this day.

If the weather is favorable these conferences will be out of doors in the open air; if rainy, in the auditorium.

DEPARTMENT OF BIOLOGY

Miss Frost

Biology 40—Physiology and Hygiene

Text: Davison's Human Body and Health. A general study of physiology with special emphasis placed on the causes and prevention of disease. A liberal amount of laboratory work will be required. It is hoped that the course may in some degree prepare the teacher to take the place of a medical inspector where the school has no such official.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 208.

Biology 50—Nature Study.

Text: Hodge's Nature Study and Life. This is a course in nature study for primary and intermediate grades. It suggests how to use nature study as a content subject for early expression work, how to correlate nature study with other work in the school room. Junior Normal Rank.

Five periods a week—three credits.

Room 208.

Biology 51—First Term of General Botany.

Text: Principles of Botany, Bergen & Davis. This course is particularly adapted to students who expect to teach either biology, agriculture, or nature study. The work of the first term deals with the general morphology and anatomy of the flowering plants. Detailed work will be given on the vascular structures and histological elements.

Junior Normal rank.

Five periods a week—three credits.

Room 208.

Biology 64—School Sanitation and Hygiene.

The different subjects considered in this course will be taken up in the order given: History of hygiene and sanitation; principles of hygiene and sanitation; health records; school buildings, location, construction, ventilation, equipment, toilet and surroundings, playgrounds, heating and lighting, cleaning, accidents and poisonings;

hygiene of feet, hands, hearing, vision, nose, throat, bathing, clothing, and instruction; the common infectious diseases, methods of prevention.

Senior Normal rank.

Five periods a week—three credits.

Room 208.

DEPARTMENT OF CHEMISTRY

Professor Hayden

Chemistry 30, 31, 32—Chemistry Applied to Home Economics.

Text: Blanchard: Household Chemistry. This course consists of lectures and laboratory work, designed especially as aid to those taking cooking and sewing. Food adulteration and textile problems will be considered.

Third Year Academic rank.

Four periods a week—two credits.

Room 102.

Chemistry 40—Elementary Chemistry.

Text: A beginners course in Chemistry. This course is open to all students. It treats of the fundamental and practical phases of the subject.

Fourth Year Academic rank.

Three recitations and two laboratory periods a week—three credits.

Room 100-102.

Chemistry 41—Elementary Chemistry.

Text: Smith's Elementary Chemistry. A continuation of Course 40. This course is open to all students who have had course 40 or its equivalent.

Fourth Year Academic rank.

Same periods a week as Course 40—three credits.

Rooms 100-102.

Chemistry 50, 51, 52. Applied Chemistry.

Text: Olsen; Pure Foods. This is a course in applied and industrial Chemistry. It will treat of food, textile, and agricultural problems. This course will be of especial value to students specializing in home economics, biology, and agriculture. The manufacture of foods, clothing and important industrial material will be discussed. Special experiments in dyeing and removal of stains will be performed. Prerequisites, Elementary Chemistry.

Junior Rank.

One lecture and three double laboratory periods a week—three credits.

Rooms 100-102.

Chemistry 60—Analytical Chemistry.

Text: Hinds' Qualitative Analysis. Facilities are at hand for ex-

tensive work in qualitative and quantitative analysis. Lecture and laboratory work.

Credits based on work done.

Senior rank.

Rooms 100-102.

COMMERCIAL DEPARTMENT

Professor Miller

Note—High school teachers will find it to their advantage to take work in the commercial department during the Summer Term. The demand for carefully trained commercial teachers is constantly increasing. For the further development of commercial work, a bill is being introduced in Congress making larger appropriations to schools maintaining commercial departments. The following courses are planned especially for teachers taking advantage of our summer term, and are such as will enable the trained teacher to organize and conduct commercial departments in high schools.

Commercial 20—Typewriting.

Texts: Sorelle's Rational Typewriting. No prerequisite. The course includes a mastery of the mechanical features of the machine, a thorough knowledge of the keyboard, touch system; attained by word drills and sentence writing; a study of letter forms, tabulating, manifolding, and invoicing. Teachers will find this course very profitable, as it will enable them to prepare their work for classes more easily, quickly and attractively.

Four double periods per week—two credits.

Room 301.

Commercial 21—Elementary Bookkeeping.

Text: Twentieth Century Bookkeeping Part 1. This course involves a study of the principles of debit and credit; the use of the daybook, journal, ledger, purchase book, cash book, sales book; the opening and closing of accounts; trial balance and statements; simple business practice.

Four double periods per week—two credits.

Room 301.

Commercial 30—Shorthand.

Text: Gregg Manual. This course consists of the first twelve lessons as outlined in the Gregg manual, and includes all the fundamental principles of the system. Special attention is given to drills in shorthand, penmanship, writing by sound, and phrasing.

Five periods a week—three credits.

Room 301.

Commercial 31—Review Shorthand.

Text: Gregg Manual. This course is open only to those students who have had previous knowledge of Gregg Shorthand, and is

designed to prepare students for the State High School examination, as well as a further preparation for teaching shorthand.

Five periods per week—three credits.

Room 301.

Commercial 33—Farm and Household Accounts.

Text: Bexell and Nichols. A course highly specialized in handling farm and household accounts. It is especially adaptable for meeting the needs of the rural communities, and the introduction of this course in the rural schools will bring the schools into closer touch with the home life of the community.

Four double periods per week—two credits.

Room 301.

Commercial 40—Elementary Accounting.

Text: Twentieth Century Bookkeeping. The fundamental principles of double entry bookkeeping are studied and applied. Practical sets of books adapted to ordinary business transactions are opened, kept, and closed. Business papers including school currency, checks, notes, drafts, and invoices are used in connection with the business transactions. This course prepares the student to do practical work in bookkeeping and for the advanced courses.

One recitation per week; four double periods laboratory—three credits.

Room 301.

Commercial 53—Business Organization.

Text: Sparling's Introduction to Business Organization. Among the subjects treated in this course are the individual proprietor, the partnership, and corporation. Attention is given to the principles of law applicable to these different forms of business organization. Extractive, manufacturing, and distributive industries are studied. A careful study of the various departments of a large business, the markets, advertising, credits, collections, the administrative department, and accounting methods applicable to different forms of business, is made.

Four hours a week—two credits.

Room 301.

DEPARTMENT OF DRAWING AND PENMANSHIP

Miss McCormack

Drawing 30—Handwork for Primary Grades.

This course deals with the problems of the first four grades from the standpoint of the regular grade teacher. Practical exercises in paper folding, object and nature drawing, color study, lettering and forms of construction work that may be carried out in the school room with simple equipment will be studied.

Third and Fourth Year Academic rank.

Five periods a week—two credits.

Two sections. Room 305.

Drawing 31—Handwork and Drawing for Intermediate Grades.

An elementary course designed to meet the requirements of teachers desiring training in the fundamental principles of drawing and design, the work corresponding in grade to that given from the fourth to eighth grades.

Third and Fourth Year Academic rank.

Five periods a week—two credits.

Room 305.

Penmanship.

Text: Palmer's Method of Business Writing. The object of this course is to teach a rapid, plain, unshaded, muscular movement writing.

Five periods a week—one credit.

Room 305.

DEPARTMENT OF ENGLISH

Professor Vaughan, Miss Augustus, Mrs. Caldwell, Miss O'Donnell,
Mrs. Fair, Miss Cooper

Note—Students are urged to bring as many reference books and classics as possible.

In the study of literature and composition every possible effort will be made to foster the development of American ideals of patriotism, and other elements that may be related to the present war situation.

English 13—English Grammar Miss Augustus, Mrs. Caldwell

Texts: Scott & Southworth's Grammar. A thorough review of parts of speech. Stress will be placed on inflection and its application to everyday English. Special drill in sentence analysis.

First Year Academic rank.

Five periods a week—two credits.

Room 310.

English 30—Rhetoric-Literatures Narration and Description

Miss O'Donnell

Texts: Brooks' English Composition and Scott & Denny's Composition-Rhetoric. The time will be equally divided between literature and rhetoric. Both this course and the next are recommended for those preparing to take examinations for high school certificates in English. Sir Roger de Coverly and Twelfth Night or Julius Caesar will be studied intensively. Other classics may be substituted to suit needs of class. Weekly themes.

Third Year Academic rank.

Five periods a week—three credits.

Room 308.

English 31—Rhetoric-Literature: Exposition Miss O'Donnell

Texts: Brooks' English Composition and Scott & Denny's Composition-Rhetoric. This course is similar to the preceding course,

except the selections studied, and the rhetorical work will be expository in character. Washington's Farewell Address and Carlyle's Essay on Burns will be studied intensively. Other classics may be substituted to suit needs of class. Halleck's English Literature rapidly reviewed. Weekly themes.

Third Year Academic rank.

Five periods a week—three credits.

Room 306.

English 35, 58—Reading

Mrs. Caldwell

Text: Evolution of Expression, Vol. 1. This course is primarily for teachers, and its purpose is to correct pronunciation and enunciation. The relation of time, poise, pitch, melody and inflection to speech is demonstrated. Open to all students.

Third Year Academic rank.

Five periods a week—two credits.

Chapel.

English 40, or English 42—College Entrance English

Mrs. Fair

Text: Woolley's Handbook of English Composition. English 40 covers the first quarter's and English 42 the third quarter's work of fourth year academic or high school English. Macbeth, Milton's Minor Poems, and other classics to suit needs of class are studied intensively.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 308.

English 45—Public Speaking

Mrs. Caldwell

Text: Phillips' Effective Speaking. The object of the course is to train students to select, arrange and present material in order to affect a given audience, in a given way, and within a given time. The course deals with a study of the best forms of composition and the delivery of formal and informal speeches, debates and declamations.

Elective for Fourth Year Academic or Junior.

Four periods a week—two credits.

English 46—Public School English

Miss O'Donnell

This course is designed for the teachers of the four upper elementary school grades. Several prose and poetry selections will be intensively studied from the pedagogical viewpoint as types. Barnes' "English in the Rural Schools" will be used as the basis for the study of problems dealing with rural schools.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 306.

Education 47—Story-Telling and Dramatization

Miss Pritchard

This course is a study of the educational story and its application to all primary work. Also gives an opportunity to study the art

of story-telling and dramatization. Stories will be told and dramatized in class.

Fourth Year Academic rank.

Four periods a week—two credits.

Room 206.

English 50—College Rhetoric.

Professor Vaughan

Texts: Slater's Freshman Rhetoric and Century Handbook in Writing. This course corresponds to the first quarter of English offered in the fall of the regular term. Three themes will be required each week. All types of discourse will be illustrated at length. Open to graduates of accredited four-year high schools.

Junior Normal rank.

Five periods a week—three credits.

Room 310.

English 53—Teachers' Grammar.

Professor Vaughan

Text: Kittredge and Farley's Advanced English Grammar. A library course in the teaching of elementary and high school English grammar. Open to high school graduates and those holding first-grade certificates.

Junior Normal rank.

Five periods a week—three credits.

Room 310.

English 54—Juvenile Literature.

Miss Cooper

Text: McClintock's Literature in the Elementary School and other library texts. All problems of elementary school English bearing on first six grades will be discussed. Vitalized English and Story-telling. Special stress placed on the field of Juvenile literature for the purpose of familiarizing the teacher with the classics, myths, and masterpieces and giving the best methods of presenting them.

Junior rank. Open also to students of Academic rank.

Five periods a week—three credits.

English 56—Modern Drama

Mrs. Caldwell

Text: Library References. A study of Ibsen, Pinero, Maeterlinck, Hauptmann and Rostand. Open to students of Normal School rank. Unless as many as six enroll for this course it will not be offered.

Junior Normal rank.

Four periods a week—two credits.

Chapel.

English 60—English Literature

Prof. Vaughan

Texts: Crawshaw's Making of the English Literature and Classics. A critical study of Eighteenth Century Literature with stress on Addison, Defoe, Pope, Swift, Steele, Johnson, Goldsmith, and Sheridan. This course is identical with the first quarter of Senior English.

Senior Normal rank.

Five periods a week—three credits.

Room 310.

English 64—American Poetry.**Miss Augustus**

Texts: Page's Chief American Poets and Stedman's Poets of America. A critical study will be made of Bryant, Poe, Emerson, Longfellow, and Whittier. This course is identical with the second quarter of Senior American Literature.

Senior Normal rank.

Four hours a week—two credits.

DEPARTMENT OF HISTORY**Professor Scates, Miss Beckham****History 12—History of Tennessee****Miss Beckham**

Text: Garrett and Goodpasture.

First Year Academic rank.

Five periods a week—two credits.

Room 303.

History 13—Review of United States History**Miss Beckham**

Text: Muzzey's History of the United States.

First Year Academic rank.

Five periods a week—two credits.

Room 303.

History 20—Mediaeval European History**Prof. Scates**

Text: Robinson's History of Western Europe. This course will cover the Hundred Years' War, the Renaissance, the Reformation.

Second Year Academic rank.

Five periods a week—three credits.

Room 200.

History 32—English History**Miss Beckham**

Text: Cheyney's History of England

Third Year Academic rank.

Four periods a week—two credits.

Room 303.

History 41—American History**Miss Beckham**

Text: Hart's New American History. This course covers the period from the Confederation through Andrew Jackson's Administration.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 303.

History 43—The Teaching of History**Prof. Scates**

Text: McMurry, Methods in History. A course for teachers, stressing the value of history, the course of study, correlation with other studies. Map work, source material, etc.

Fourth Year Academic rank.

Four periods a week—two credits.

Room 200.

History 44—Civil Government

Prof. Scates

Text: Magruder's American Government. The essential facts as to organization and workings of county, state, and national governments.

Fourth Year Academic rank.

Four periods a week—two credits.

Room 200.

History 51—French Revolution

Miss Beckham

Text: Matthews' French Revolution. A study of the old regime, causes of the Revolution, the periods of the Revolution, through the consulate and Empire.

Junior Normal Rank.

Five periods a week—three credits.

Room 303.

History 61—The Formation of the Union

Prof. Scates

Text: Hart's Formation of the Union. This is a close study of the critical period in American History. The one most fruitful in the rise of American institutions of to-day.

Senior Normal Rank.

Five periods a week—three credits.

Room 200.

History Special—The World To-Day

Prof. Scates

The fundamental causes and the apparent results of the World War. The League of Nations and the New Nations will be discussed. Lecture Course.

Junior and Senior Normal rank.

Five periods a week—three credits.

Room 200.

DEPARTMENT OF HOME ECONOMICS

Miss Buquo, Miss Fontaine

Home Economics 34—Sewing for Rural Schools

Miss Fontaine

Text: Kinne and Cooley's Shelter and Clothing. Required reference reading and reports. Lectures, recitation and practical work. Students provide most of their own materials.

Two recitation periods and three double laboratory periods per week—three credits.

Room 208.

Home Economics 35—Cooking for Rural Schools

Miss Buquo

Text: Wellman's Food Study. A course in elementary cookery planned for those who wish to learn plain cooking for use in the home or in order to teach it in rural schools. Part of practical work is done in lunch room. Class limited in number.

Five double laboratory periods per week—three credits.

Room 109.

Home Economics 36—Short course in Nutrition and Diet. Miss Boquo
Open to home-makers, demonstration agents and regular 4-a students.

Three single recitations and two double laboratory periods per week—two credits.

Room 109.

Home Economics 40—Housewifery and Household Management
Miss Fontaine

Texts: Ferrell's Household Management. Open only to 4-a and Junior students. Lectures, recitation, and reference reading.

Five single periods a week—two credits.

Room 208.

Home Economics 42—Short Courses in Garment Making and Textile Study
Miss Fontaine

A course planned especially for the home-maker and the student or teacher who wishes to learn to make her own clothing. Special stress placed on the economics of clothing.

Two single recitations and three double laboratory periods a week—three credits.

Room 208.

In connection with the Home Economics Course will be given a series of lectures and demonstrations by specialists and experts in subjects of vital interest to the mother, home-maker, and teacher of Home Economics, such as care of children, infant feeding, home sanitation, home care of the sick, first aid, household finances, food conservation and preservation.

DEPARTMENT OF LATIN

Miss Augustus, Miss Wilson

The Department of Latin will offer during the Summer Term courses to serve various purposes. A course covering First Year Latin. Latin S., will give opportunity for a review of this work, or for intensive study. A course in Latin Composition, Latin SS, based on Caesar and Cicero, will furnish teachers an opportunity to strengthen themselves in this phase of Latin, and will prepare for examination. Latin 51, and Latin 61 provide interesting study and offer college credits.

Latin 10, 11, 12—Review of Beginner's Latin Miss Augustus

Text: Pearson's Essentials of Latin. This course covers the entire first year's Latin.

First Year Academic rank.

Five periods a week—three credits.

Room 308.

Latin 33—Latin Composition Miss Wilson

Composition based on Caesar and Cicero.

Third Year Academic rank.

Five periods a week—three credits.
Room 205.

Latin 40—Virgil's Aeneid

Miss Wilson

Two Books of Virgil's Aeneid.

Fourth Year Academic rank.

Five periods a week—three credits.

Room 205.

Latin 51—Cicero

Miss Wilson

Cicero De Amicitia.

Junior Normal rank.

Five periods a week—three credits.

Room 205.

Latin 61—Pliny's Letters

Miss Augustus

The Letters of Pliny the Younger.

Senior Normal rank.

Five periods a week—three credits.

Room 308.

DEPARTMENT OF MANUAL TRAINING

Professor Simmons

During the past year the efficiency of the Manual Training Department has been increased by the installation of additional power machinery and by the enlargement of the equipment for mechanical drawing.

A 30-inch band saw of the latest improved type, individually motor-driven, has been added to the machine equipment. The machines already in use were—a combination saw, a hollow chisel mortiser, an 8-inch jointer and a 24-inch surfacer. All these are of improved type, safeguarded and individually motor-driven.

A battery of wood-turning lathes has been ordered and it is hoped will arrive in time to be available for use during the summer term.

Advance students will be afforded the opportunity to execute a larger number and a greater variety of problems and in addition will secure valuable machine experience.

The equipment in mechanical drawing has been augmented by the purchase of additional sets of drawing instruments and by the construction of additional drawing tables so that a class of twenty-five may be accommodated at one time. The instruments are of excellent type.

Manual Training 53—Rural School Woodworking.

This course is intended especially for teachers who wish to introduce some practical work for the boys in Grades Seven to Eight in rural communities. The minimum tool equipment will be used, and more time will be spent upon actual construction than upon the study of tools and tool processes. The largest possible number of type problems will be constructed, each of which will meet some

definite need of the boy, either in the home or in the school. A number of problems will be planned in addition to those constructed, so that a prospective teachers of the work may formulate ample plans for the school year.

Two recitations and three double shop work periods a week—
three credits.

Manual Training 56—Advanced Woodwork

This course is offered for those who have a working knowledge of ordinary carpenters' tools. It includes the following: Names and principles of all common joints, construction of small models using type forms of joining, designing several pieces of furniture or apparatus, construction of one or more selected articles of furniture and cabinet work, study of wood finishes suitable for various uses, instruction in care and use of power woodworking machinery, a study of the possibilities of manual training work in high schools.

Two recitations and three double shop work periods a week—
three credits.

Manual Training 63—Constructive Carpentry.

The purpose of this course is two-fold. First, to develop a plan of correlation between the Agricultural and Manual Training work, and, second, to give some practical experience in building construction. Throughout this course special instruction will be given on what constitutes good construction in the various elements of a building. The lectures and demonstrations will include the various types of structures, sources and kinds of material, and standards of workmanship. Briefly outlined the course includes foundations, sill and floor construction, wall framing, study of the steel square, roof framing, inside and outside trim. The processes will be carried out on actual construction work.

Two recitations and three double shop work periods a week—
three credits.

Manual Training 43—Wood Turning

This course includes the study of (1) the speed lathe; (2) the use and care of the lathe, tools, chisels, gouges, etc.; (3) turning of types of each class of work done on the lathe.

A series of exercises will be made which will teach the different possibilities of the grooves, beads, curves, tapers, etc. in turning between centers. Following this will be race-plate and chuck work, involving the construction of certain articles such as nut bowl candelabra, etc.

Two recitations and three double shop work periods a week—
three credits.

Manual Training 33—Mechanical Drawing

This course is designed for teachers of Manual Training in public schools who desire a drill in the fundamentals of drafting and to students who have had no definite instruction in Mechanical Draw-

ing. The work consists of the use of instruments, lettering, making of working drawings from models, study of projection, selection and arrangement of views, tracings, blueprints. Practice will be given in making free-hand sketches and reading working drawings.

Two recitations and three double shop work periods a week—three credits.

DEPARTMENT OF MATHEMATICS

Dean Loggins, Miss Proctor, Mr. Brown, Mr. Wilson

Mathematics 13—Practical Arithmetic Mr. Brown, Mr. Wilson

Text: State Adopted Text. Provision will be made for the large number of teachers who desire to review Arithmetic. The work in these classes will be very largely on the subject matter of Arithmetic, but will be presented from the teacher's viewpoint with the hope that teachers may not only gain a more thorough and comprehensive knowledge of arithmetic themselves but that they may also become better teachers. Three sections.

First Year Academic rank.

Five periods a week—two credits.

Mathematics 10, 11, 12—High School Algebra Mr. Brown

Text: Milne's Standard Algebra. A review course in first year Algebra including the fundamental operations, factoring, fractions, simple equations, etc., to radicals.

First Year Academic rank.

Five periods a week—three credits.

Mathematics 20, 21, 22—High School Algebra Miss Proctor

Text: Milne's Standard Algebra. A course in High School Algebra beginning with radicals and reviewing the remainder of the book.

Second Year Academic rank.

Five periods a week—three credits.

Mathematics 30, 31, 32—Plane Geometry Miss Proctor

Text: Wentworth-Smith's Plane Geometry. A review course reviewing the five books of Plane Geometry. Lectures, suggestions and library references on the teaching of Geometry will be a feature of the work. Special attention to the solution of originals.

Third Year Academic rank.

Five periods a week—three credits.

Mathematics 40—Teachers' Arithmetic Miss Proctor, Mr. Brown

Text: Lindquist's Modern Arithmetic, Methods and Problems. This is strictly a teachers' Course in Arithmetic. The work will be largely on methods but enough problems will be given to show the practical use of the methods presented. A careful study will be given to some modern psychological experiments and measurements pertaining to the studying and teaching of Arithmetic. Two sections.

Fourth Year Academic. Junior and Senior rank.

Five periods a week—three credits.

Mathematics 50—Solid Geometry

Mr. Brown

Text: Wentworth-Smith's Solid Geometry. A review course in the three books of Solid Geometry.

Junior Normal rank.

Five periods a week—three credits.

Mathematics 51—Plane Trigonometry **Dean Loggins, Miss Proctor**

A course will be offered in Plane Trigonometry. If teachers who are prepared for this work by having had good courses in Algebra and Geometry will enter the class and take not more than one other subject, they may be able to complete the entire course usually given in Plane Trigonometry.

Junior Normal rank.

Five periods a week—three to five credits.

Mathematics Group in State Examinations. State examinations will be held at the Normal School at the close of the Summer Term.

According to the instruction of the State Superintendent, examinations for those who teach in High Schools are taken in groups. Those wishing to qualify to teach Mathematics will take examinations in the following subjects:

Spelling, Grammar, Arithmetic, Algebra, Plane and Solid Geometry and a professional course.

DEPARTMENT OF MODERN LANGUAGES

Miss Thomas

Modern Language 30—Elementary French

Text: "Grammaire" and "Histoire de France."

Five periods a week—three credits.

Modern Language 40—Intermediate French

Texts: "Grammaire" and "Carnet de Campagne d'un Officier Francais."

Four periods a week—two credits.

With both classes Victor records will be used.

Modern Language 36—Elementary Spanish

Text: Worman's "New First Spanish Book."

Five periods a week—three credits.

Modern Language 46—Intermediate Spanish.

Text: "Easy Spanish Plays," "A Trip to South America."

Four periods a week—two credits.

In the Spanish classes the aim is to equip the pupil with the linguistic acquirements needed for an invasion of the Latin-American business world.

In both French and Spanish classes, much attention is given to conversation, composition, to careful punctuation, and to a direct, concise and comprehensive presentation of fundamental grammatical principles.

DEPARTMENT OF MUSIC

Prof. L. C. Austin, Mrs. R. D. Owen

Music 30—Public School Music

Text: Progressive Music Series, Book 1. Melodia Book 1.

Rote songs. Easy sol feggio studies, ear training and rhythmic exercises. Careful study of methods and material for use in lower grammar grades.

Five periods per week—two credits.

Third Year Academic rank.

Room 203.

Music 31—Public School Music

Text: Progressive Music Series One Book Course. Melodia Book Two. Sight reading, studies in two, three and four part singing, elements of harmony, methods for presenting music to upper grammar and Junior High School grades.

Five periods per week—two credits.

Room 203.

Music 40—Chorus Class. Standard choral music for mixed voices—male and female. Quartette Music will be studied.

Two periods per week—one credit.

Room 203.

Music—Band and Orchestra.

Classes will be organized in these subjects if the interest demands.

Music—Private lessons in piano, violin, mandolin, guitar, band and orchestral instruments may be arranged for at a rate of \$10.00 for the term. Two lessons per week.

DEPARTMENT OF PHYSICS AND GEOGRAPHY

Professor Manning

Note—The constantly increasing complexity of farm machinery and household appliances makes the knowledge of elementary physics well nigh indispensable to the average man and woman. Since physics is a required study in all the courses of the State High Schools, it has been thought best to give the two courses 40 and 41, covering the entire subject as given in the High Schools.

Physics 40—Mechanics and Heat

Text: Milliken and Gales, A First Course in Physics. This course is an abridgement of Physics 40 as given during the fall term. It will consist of lectures with demonstrations, recitations and laboratory work.

Third and fourth Year Academic rank.

Three periods a week will be given for lecture and recitation and two double periods to laboratory work. Five periods a week—three credits.

Physics 41—Electricity, Sound and Light

Text: Milliken and Gale's, *A First Course in Physics*. This is a continuation of Physics 40. While it is expected that most of those who will elect these courses will have had physics as it is given in the secondary schools, the course is planned mainly for beginners.

Third and Fourth Year Academic rank.

Three recitations—three credits. Two double periods a week.

Geography 41—A Teachers' Course

Text: Dodge's *Comparative Geography*. The course will begin with a discussion of home geography, or the geography of the child's experience. The parts of the text emphasized will be determined by the needs of the class. The work will be illustrated with stereopticon views.

Third and Fourth Year Academic rank. Three sections.

Five periods a week—two credits.

Geography 50—Modern Geography

Text: *Elements of Geography*, Salisbury Barrow and Tower. A course of College Rank, designed for teachers who may wish a better knowledge of those geographic controls and causal relations which unify and vitalize this subject. The human response to geographic conditions will everywhere be stressed. Lantern slides will be used to illustrate different phases of the subject.

Five periods a week—three credits.

DEPARTMENT OF PHYSICAL TRAINING.

Mrs. Caldwell, Mrs. Tuton

In the matter of exercise we as a nation started wrong. We started with the theory that big muscles make a man physically fit. The muscular giant and the physically fit man are not the same. When we tackled the job of war the man physically fit for that job was a rare exception. Twenty-nine per cent of the men examined by draft boards were rejected.

When we declared war the "big" men of our country were asked to do double work and to give double time to work. In speeding up they asked "How are we to keep our health and nerves?" The physical training teachers answered—"Give us three or four hours a week". The men gave the time and not a one of them broke down under the great strain—not only their health improved but their capacity for work increased.

Now the question that you as a teacher must face is one of preparedness, first for yourself, second for your pupils. In the summer term of the West Tennessee State Normal School there will be offered a course in Physical Training to meet the needs of teachers who desire to give physical training in their school room.

In the six week's course one will receive instruction in Swedish Gymnastics. This is intended to give poise, muscular development, and control. This is given in or out of doors at any time and for all grades in school.

Gymnastic and Folk Dances to develop motion, grace, and endurance. The costumes are described. This work is especially attractive for entertainments, May and play festivals. Relay races and devices to assist in gaining interest in certain types of lessons. Interest a child and you can teach him anything. These games will create and stimulate an interest in the class room at all times.

Sense games are played to cultivate attention, concentration, alertness of mind, judgment, reasoning, and power of definite action. Classified games for the play-ground and the school room, setting up exercises so essential to the teacher to keep in condition to give the best she has to her pupils.

Basketball, tennis, and Volley ball will be played and discussed.

(You are requested to bring a pair of tennis shoes or soft low heel slippers for class work.)

Education 54. Education through play and games.

LECTURES AND ENTERTAINMENTS

Arrangements have been made for the appearance of the Devereux Players, June 13 and 14, in three plays, Shakespeare's "Taming of the Shrew" and "Romeo and Juliet" and Sheridan's "School for Scandal." Mr. Devereux will head this organization in person, supported by a Broadway cast of superior merit. All matriculants of the Summer School will be admitted free to two of these performances. The entertainment committee is also arranging for a course of popular and educational lecturers and high-class musical entertainments to extend throughout the entire term.

A Country Life Conference will be held from June 23 to July 4. Invitation will be extended to ministers, physicians, farmers, county agents, and all people vitally interested in country life improvement to attend and participate in the discussion at this conference. Governor A. H. Roberts and State Supt. Albert Williams have definitely promised to be present. Distinguished educators and statesmen of neighboring states will also address this conference. The completed program will be ready by May 15, for distribution.

CALENDAR.**Summer Term, 1919.****WEST TENNESSEE STATE NORMAL SCHOOL.**

June 7, Saturday—Registration and classification.

June 9, Monday—Registration and classification.

June 10, Tuesday—Class work begins.

July 18-19—State examinations.

July 19—Summer Term ends.

For further information, address

A. A. KINCANNON, President,
Memphis, Tennessee.